

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	((20040061799)).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/02 14:27
S2	103	((YUICHI) near2 (ATARASHI)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/03/02 14:38
S3	737	((KAZUHIKO) near2 (SUZUKI)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/03/02 14:38
S4	386	((MASASHI) near2 (SAITO)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/03/02 14:38
S5	20	((TAKUO) near2 (NISHIKAWA)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/03/02 14:38
S6	22	((KAZUO) near2 (TANSHO)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/03/02 14:39
S7	303	(S2 OR S3 OR S4 OR S5 OR S6)	US-PGPUB; USPAT; USOCR	WITH	ON	2008/03/02 14:39
S8	57	S7 AND (image NEAR2 (pickup OR pick\$1up OR pick ADJ up) NEAR2 device OR image ADJ sensing ADJ apparatus OR camera OR imager OR recording NEAR2 device OR taking NEAR2 device)	US-PGPUB; USPAT; USOCR	WITH	ON	2008/03/02 14:41
S9	2	((66180877   7030918)).PN. OR ("7326902").URPN.	US-PGPUB; USPAT; USOCR	WITH	ON	2008/03/02 14:46

S10	10	("20010038499"   "20020097508"   "20040021951"   "20040032671"   "4964701" "5177641"   "6225614"   "6449095"   "6487026"   "6594204").PN. OR ("7301713").URPN.	US-PGPUB; USPAT; USOCR	WITH	ON	2008/03/02 14:47
S11	4	("4783155"   "6702483"   "6806988").PN. OR ("6891679").URPN.	US-PGPUB; USPAT; USOCR	WITH	ON	2008/03/02 14:47
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S13	7	("6040591"   "6232590"   "6274917"   "6395576"   "6586811"   "6587147").PN. OR ("6727487").URPN.	US-PGPUB; USPAT; USOCR	WITH	ON	2008/03/02 14:48
S14	122	S7 AND opening	US-PGPUB; USPAT; USOCR	WITH	ON	2008/03/02 14:58
S15	27	S7 AND opening AND board	US-PGPUB; USPAT; USOCR	WITH	ON	2008/03/02 14:59
S16	0	"2001055073"	US-PGPUB; USPAT; USOCR	WITH	ON	2008/03/02 15:01
S17	2	"20010055073"	US-PGPUB; USPAT; USOCR	WITH	ON	2008/03/02 15:01
S18	14	("20010030276"   "20010050717"   "20020044213"   "5021888" "5424531"   "5748448"   "5786589"   "6043482"   "6160967"   "6417885"   "6483101"   "6528778"   "6654064"   "6727564").PN. OR ("7046296").URPN.	US-PGPUB; USPAT; USOCR	WITH	ON	2008/03/02 15:05
S19	426	(348/374).CQLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/02 15:21
S20	6	("20010012073"   "20030137595"   "4451124" "5274456"   "5783815"   "6122009").PN.	US-PGPUB; USPAT; USOCR	WITH	ON	2008/03/02 15:42

S21	1029	(US-20030016284-\$ or US-20040080642-\$ or US-20040056971-\$ or US-20070070511-\$ or US-20070070228-\$ or US-20070069395-\$ or US-20070069105-\$ or US-20070065128-\$ or US-20070057150-\$ or US-20070057148-\$ or US-20070054419-\$ or US-20070053685-\$ or US-20070047952-\$ or US-20070047109-\$ or US-20070045551-\$ or US-20070045550-\$ or US-20070040932-\$ or US-20070035785-\$ or US-20070034782-\$ or US-20070029466-\$ or US-20070025715-\$ or US-20070019950-\$ or US-20070019102-\$ or US-20070019101-\$ or US-20060268157-\$ or US-20060266835-\$).did. or (US-20060257131-\$ or US-20060252246-\$ or US-20060244859-\$ or US-20060243884-\$ or US-20060239671-\$ or US-20060140609-\$ or US-20060231750-\$ or US-20060228103-\$ or US-20060228099-\$ or US-20060227236-\$ or US-20060221469-\$ or US-20060219862-\$ or US-20060209365-\$ or US-20060209205-\$ or US-20060204243-\$ or US-20060203875-\$ or US-20060203095-\$ or US-20060202318-\$ or US-20060197862-\$ or US-20060189216-\$ or US-20060189183-\$ or US-20060187337-\$ or US-20060181633-\$ or US-20060171701-\$ or US-20060171698-\$ or US-20060170814-\$ or US-20060164539-\$).did. or (US-20060163461-\$ or US-20060152826-\$ or US-20060152614-\$ or US-20060152576-\$ or US-20060141226-\$ or US-20060140459-\$ or US-20060139482-\$ or US-20060133794-\$ or US-20060133655-\$ or US-	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/03/03 08:06
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S23	2728	lens WITH contact WITH sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/03/03 08:11
S24	148767	("348").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/03 08:11
S25	170	S23 AND S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/03/03 08:12
S26	7	lens NEAR2 direct\$4 NEAR2 contact WITH sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/03/03 08:22
S27	100	(lens OR optical) NEAR3 direct \$4 NEAR2 contact WITH sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/03/03 08:22
S28	62	(lens OR optical) NEAR3 direct \$4 NEAR2 contact NEAR3 sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/03/03 08:24
S29	2	("6795120").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/03 09:24
S30	30	"6795120"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/03/03 09:24
S31	37	("4785338"   "4896217"   "5077784"   "5087964"   "5122861"   "5150180"   "5523608"   "5763943"   "5783815"   "5940126").PN. OR ("6795120").URPN.	US-PGPUB; USPAT; USOCR	WITH	ON	2008/03/03 10:00
S32	26	("3819272"   "4581657"   "4650998"   "5115125"   "5285062").PN. OR ("5783815").URPN.	US-PGPUB; USPAT; USOCR	WITH	ON	2008/03/03 10:05

S33	12	("20010012073"   "20030137595"   "4451124"   "5274456"   "5783815"   "6122009").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/03/03 10:11
S34	2	("6618087"   "7030918").PN. OR ("7326902").URPN.	US-PGPUB; USPAT; USOCR	WITH	ON	2008/03/03 10:22
S35	4	("4783155"   "6702483"   "6806988").PN. OR ("6891679").URPN.	US-PGPUB; USPAT; USOCR	WITH	ON	2008/03/03 10:24
S36	5	("20010043280"   "20040061799"   "4554586"   "6122114").PN. OR ("6813103").URPN.	US-PGPUB; USPAT; USOCR	WITH	ON	2008/03/03 10:24
S37	7	("6040591"   "6232590"   "6274917"   "6395576"   "6586811"   "6587147").PN. OR ("6727487").URPN.	US-PGPUB; USPAT; USOCR	WITH	ON	2008/03/03 10:28
S38	426	(348/374).OCLS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/03 10:41
S39	1432	(348/340,335).OCLS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/03 10:51
S40	112	((YUI CHI) near2 (ATARASHI)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/11/07 11:00
S41	748	((KAZUHIKO) near2 (SUZUKI)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/11/07 11:00
S42	395	((MASASHI) near2 (SAITO)). INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/11/07 11:00
S43	20	((TAKUO) near2 (NISHIKAWA)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/11/07 11:00
S44	23	((KAZUO) near2 (TANSHO)). INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/11/07 11:00
S45	319	(S40 OR S41 OR S42 OR S43 OR S44)	US-PGPUB; USPAT; USOCR	WITH	ON	2008/11/07 11:00

S46	495	(348/374).CQLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/07 11:03
S47	1582	(348/340,335).CQLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/07 11:07
S48	120	((YUICHI) near2 (ATARASHI)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/04/20 14:54
S49	752	((KAZUHIKO) near2 (SUZUKI)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/04/20 14:54
S50	401	((MASASHI) near2 (SAITO)). INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/04/20 14:54
S51	20	((TAKUO) near2 (NISHIKAWA)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/04/20 14:54
S52	23	((KAZUO) near2 (TANSHO)). INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/04/20 14:54
S53	330	(S48 OR S49 OR S50 OR S51 OR S52)	US-PGPUB; USPAT; USOCR	WITH	ON	2009/04/20 14:54
S54	104	S53 AND (image NEAR2 (pickup OR pick\$1up OR pick ADJ up) NEAR2 (device OR apparatus OR unit) OR image ADJ sensing ADJ (device OR apparatus OR unit) OR camera OR imager OR recording NEAR2 (device OR apparatus OR unit) OR taking NEAR2 (device OR apparatus OR unit) OR capturing NEAR2 (device OR apparatus OR unit))	US-PGPUB; USPAT; USOCR	WITH	ON	2009/04/20 14:54
S55	2	("20040061799").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/20 14:59

S57	1	S55 AND engaged AND rotat \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/04/20 14:59
S58	1697	(348/340,335).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/21 08:34
S59	547	(348/374).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/21 08:34
S60	135	((YUICHI) near2 (ATARASHI)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/11/05 13:22
S61	758	((KAZUHIKO) near2 (SUZUKI)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/11/05 13:22
S62	406	((MASASHI) near2 (SAITO)). INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/11/05 13:22
S63	20	((TAKUO) near2 (NISHIKAWA)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/11/05 13:22
S64	24	((KAZUO) near2 (TANSHO)). INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/11/05 13:22
S65	1325	(S60 OR S61 OR S62 OR S63 OR S64)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/11/05 13:22
S66	1862	(348/340,335).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/05 13:37
S67	615	(348/374).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/05 13:38

## EAST Search History (Interference)

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**11/ 5/ 2009 7:00:52 PM**

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